

State of California
AIR RESOURCES BOARD

Executive Order G-70-16-E

Relating to the Establishment of a Schedule of Compliance with the
Air Resources Board's "Specifications for Fill Pipes and
Openings of Motor Vehicle Fuel Tanks" for 1983 and
Subsequent Model-Year Motorcycles

Pursuant to the authority vested in the Air Resources Board by Health
and Safety Code Section 43835; and

Pursuant to the authority vested in the undersigned by Health and
Safety Code Sections 39515 and 39516 and by Title 13 California
Administrative Code 2290;

IT IS ORDERED AND RESOLVED: That the exemption currently in effect
for motorcycles from the Board's "Specifications for Fill Pipes and
Openings of Motor Vehicle Fuel Tanks" (Title 13 California Administrative
Code, Section 2290; hereinafter referred to as the Specifications)
shall terminate on January 1, 1983 for class I and II motorcycles and on
January 1, 1984 for class III motorcycles when all new motorcycle designs
introduced for sale in California, and all other new motorcycles
introduced for sale in California, shall fully comply with the
specifications.

IT IS FURTHER ORDERED AND RESOLVED: That the following classes of
motorcycles are exempt from the Specifications:

- (1) All 1979 to 1982 model-year motorcycles;
- (2) All Class III 1983 model-year motorcycles;
- (3) All 1983 and subsequent model-year motorcycles with fuel
tank designs which remain unchanged from their 1982 designs;
- (4) Motorcycle models which are not registered with the
Department of Motor Vehicles for street use;
- (5) Motorcycle models with engines displacing less than
50 cubic centimeters;
- (6) Motorcycle models with a top speed of less than 40
kilometers per hour and an engine which, on its own
power cannot start from stop when loaded with an 80
kilogram (176 pound) driver.
- (7) Motorcycles equipped with evaporative emission
control systems certified at 0.2 gm/test, or more,
below the applicable evaporative emission standard.

IT IS FURTHER ORDERED AND RESOLVED: That the Executive Officer may issue exemptions for specific motorcycle models upon demonstration by the manufacturer that through the use of alternative means, such models will achieve substantially the same degree of vapor control as is required by the Specifications. The criteria for evaluation of alternative designs shall be:


- (1) The alternative system shall allow the service station vapor recovery system to provide vapor recovery performance as efficient as its certification value as determined using the Board's Test Procedures for determining the Efficiency of Gasoline Vapor Recovery Systems at Service Stations (Title 17 California Administrative Code Section 94001), or, if any onboard recovery system is used, no less than 90 percent (by weight) of the vapors which would be displaced during refueling an uncontrolled motorcycle shall be contained;
- (2) The fuel tank shall be capable of being filled to its rated capacity when the vapor recovery system is operated in its design mode;
- (3) The alternative means of recovery shall not encourage or readily allow the consumer to intentionally defeat the vapor recovery system; and
- (4) The manufacturer's normal standard for safety, reliability, and customer acceptance shall be observed.

IT IS FURTHER ORDERED AND RESOLVED: That "full compliance" with the Specifications shall include the requirement that the fuel tank is capable of being filled with the service station nozzle in the "normal resting position".

IT IS FURTHER ORDERED AND RESOLVED: That the Executive Officer hereby determines that the requirements adopted above are individually, and in the aggregate, at least as protective of public health and welfare as applicable federal regulations.

Executive Order G-70-16-D, dated March 14, 1980, is hereby rescinded.

Executed at Sacramento, California, this 3rd day of July, 1980.


for Thomas C. Austin
Executive Officer